

1859

CATALOGUE

1889

OF

SAINT LOUIS

Pressed, Moulded AND Ornamental



BRICKS

—MANUFACTURED BY—

ANTHONY ITTNER,

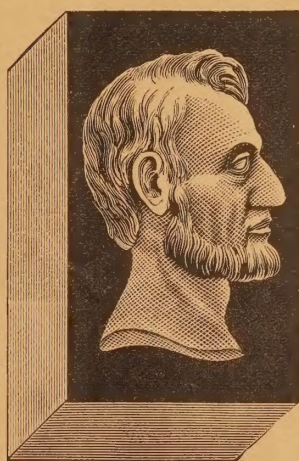
(SUCCESSOR TO ITTNER BROS.)

ST. LOUIS, MO.

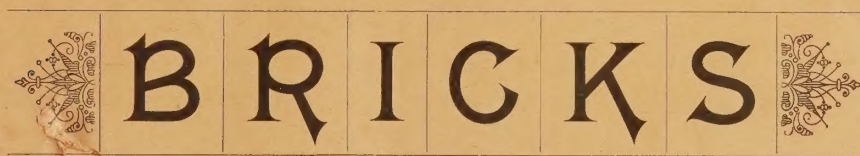
Yard, California Avenue and Sidney Street.

OF

SAINT LOUIS

Pressed, Moulded AND Ornamental

LINCOLN SOUVENIR BRICK.



—MANUFACTURED BY—

ANTHONY ITTNER,

(SUCCESSOR TO ITTNER BROS.)

ST. LOUIS, MO.*Yard, California Avenue and Sidney Street.*

AVERY
CLASSICS

AT
820

An79
1894

Introductory.

In presenting this Catalogue, we desire to bring before the notice of Owners, Architects and Builders, the fact that we guarantee our Brick to be as perfect in shape, color and strength, and as free from discoloration as any brick manufactured in the United States.

We keep constantly on hand a large stock of Pressed Brick of the various shades. Our brick are selected by experienced hands, and we guarantee the brick furnished of any one No. will be of uniform shade, with one perfect face, and when laid up in the wall they will not present the mottled and spotted appearance of other so-called selected brick.

All our Brick are carefully packed in straw for shipment by experienced hands, and can be shipped any distance with perfect safety.

Front Brick.

Our Front Brick possess all the requisites which go to make up a perfect article, viz.:—**Good Color, Even Texture, Perfect Shape and Sharp Edges.**

They are carefully selected, so that any Number furnished will be of an even color throughout. We guarantee one good face to each brick.

Our Front Brick are assorted in eight shades, and are classified by numbers, as follows: Nos. 1, 2, 3, 4, 5, 6, 7, 8. No. 1 being the lightest, and No. 8 the darkest in color. Our Standard Brick is $2\frac{3}{8} \times 8\frac{3}{4} \times 4\frac{1}{4}$ inches in size. We keep a large stock of Front Brick constantly on hand, insuring prompt delivery.

Moulded and Ornamental Brick.

It is our purpose to carry at all times a complete stock of all standard patterns in Moulded and Ornamental Brick to correspond with our plain standard brick.

In addition to the above we have a line of *Original Designs*, which for beauty of design and finish, are unexcelled by anything in the Brick market.

We keep a sufficient stock of the various patterns contained in this Catalogue to enable us to fill any order at once. It would be well, however, when any moulded or ornamental brick are wanted to notify us as early as possible, stating kind and quantity, thus avoiding delays. New Designs will be added from time to time. The new Plates will be sent on application. Stubs are provided in the back of the Catalogue, to which they may be affixed.

Arch Brick.

We keep constantly on hand a stock of Arch Brick for openings of from three to six feet. Our facilities for pressing arch brick enable us to furnish at short notice, arches of plain or moulded brick of any radius and depth. In order to avoid delays, when ordering, parties should send full size detail drawings and allow reasonable time for making.

Strength.

A short time ago the Hydraulic Press Brick Co., of this city, had a comparative test made at the Chicago Forge and Bolt Company, of Chicago, of their brick with some others. Among them were two brick credited to us. Where these brick came from or what they were, we have no further knowledge, other than we glean from its prominent place in the above company's catalogue. Feeling the test as made by them, unfair and unjust towards us, and that there was some motive in their not apprising us of the test, and the knowledge coming to us recently that undue capital was being made of the superior strength of their brick over ours, as shown by their test, we determined to go further into the matter and "invite" the Hydraulic Press Brick Company to a comparative test with us.

We accordingly wrote them for samples of brick, the same to be in number and kind as tested by them at the Chicago Bolt and Forge Company, and requested them to name the party to make the test.

The brick were furnished and were as requested with two exceptions, they sent no dark red brick but in its place sent two paving brick. They also sent a No. 10 stock, which was not included in the test above referred to. We substituted for one of the paving brick, a dark red brick selected for us by one of their customers, at a building being furnished by said company, as being a fair sample of their dark red brick. They not naming the party to make the test, we engaged the Pittsburg Testing Laboratory, at Athens, Pa., they having a testing machine of six hundred tons capacity.

The following is the comparative tests submitted by W. A. Aiken, Resident Engineer.

ATHENS, PA., FEBRUARY 16TH, 1889.

MESSRS. ITTNER BROS., Mechanics Exchange, St. Louis, Mo.,

GENTLEMEN:—Enclosed please find certificate showing results of comparative tests of brick as manufactured by Hydraulic Pressed Brick Co., of St. Louis, Mo., and yourselves, made this day at Athens, Pa., on Union Bridge Co's. hydraulic testing machine.

Respectfully,

PITTSBURG TESTING LABORATORY,

By W. A. AIKEN, Resident Engineer.

COMPARISON TESTS OF SAMPLES OF BRICK.

HYDRAULIC PRESS BRICK CO.'S BRICK.

Specimen Name.	Dimension of Brick. Flatways.	Area. sq. inches	Total lbs. Pressure at Cracking Point.	Lbs. Pressure per sq. in., Cracking Point.	Total lbs. Pressure at Collapse.	Lbs. Pressure per sq. in. at Collapse.
No. 8 Stock.....	8.23x4.03 in.	33.2	281,460	8,470	418,120	12,600
No. 6 Stock.....	8.43x4.03 "	34.0	167,245	4,920	269,225	7,918
Dark Red	8.37x4.03 "	33.7	128,490	3,810	242,710	7,220
Paving.	8.21x4.04 "	33.2	216,195	6,510	377,325	11,360

ITTNER BROS.' BRICK MADE ON ANDRUS PRESS.

Specimen Name.	Dimension of Brick, Flatways.	Area, sq. inches.	Total lbs. Pressure at Cracking Point.	Lbs. Pressure per sq. in., Cracking Point.	Total lbs. Pressure at Collapse.	Lbs Pressure per sq. in. at Collapse.
No. 8 Stock.....	8.32x4.03 in	33.5	234,550	7,000	363,045	10,830
No. 6 Stock.....	8.40x4.11 "	34.5	224,355	6,500	305,935	8,870
Dark Red	8.28x4.07 "	33.7	173,365	5,170	350,810	10,410
Paving	8.21x4.04 "	33.2	136,650	4,116	424,240	12,780

The above tests speak for themselves, rendering further comment on our part unnecessary.

JUST THE BRICK FOR CARVING PURPOSES.



SAMPLE OF BRICK CARVED BY EVANS & TOMBS, BOSTON, MASS.

Our superior facilities for pulverizing clay, render our brick more homogeneous and uniform in texture, and therefore better adapted for carving purposes than any brick in the market. The following letter from Evans & Tombs, of Boston, who have had as wide an experience in this line of work as any firm in the country, will substantiate the above.

BOSTON, FEB. 15, 1889.

MESSRS. ITTNER BROS., St. Louis, Mo.,

GENTLEMEN:—We have carved the brick panel you sent us and ship same to you this day. Although we have had a large experience in brick carving, we do not hesitate to pronounce your brick the best for carving purposes that we have ever used.

Yours truly,

EVANS & TOMBS.

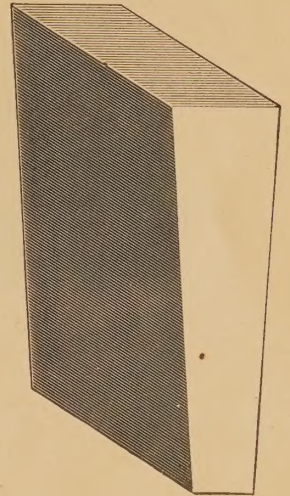
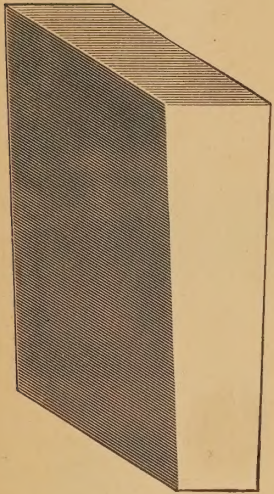
BRICK FOR ARCHES.

Plain Arch Brick for Arches from three to six feet
span always on hand.

PLAIN OR MOULDED ARCH BRICK

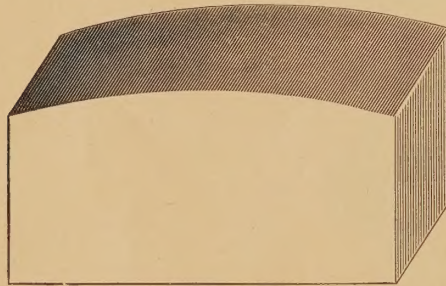
MADE TO ANY DESIRED RADIUS.

When ordering, to avoid delay, send full size detail drawings, and
allow from 20 to 30 days for making.



RADIUS BRICK.

16, 8 and 4 feet RADIUS BRICK
always on hand.

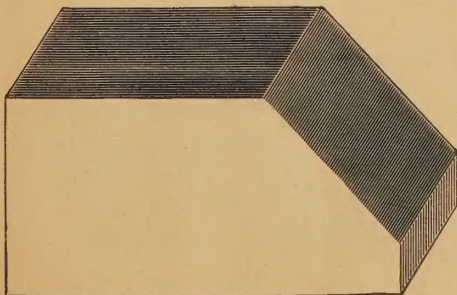


RADIUS BRICK to any desired radius,
furnished on short notice.

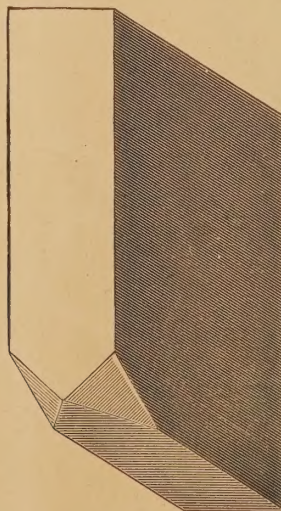
SAINT LOUIS

Pressed, Moulded and Ornamental Brick.

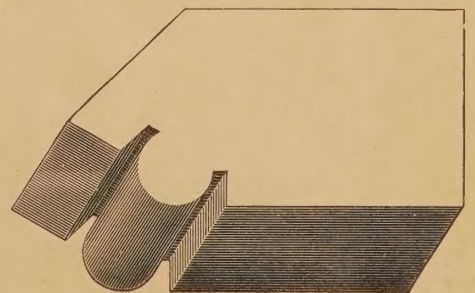
The designs below are same size as our Pressed Brick, and are made to bond with them.



No. 1.



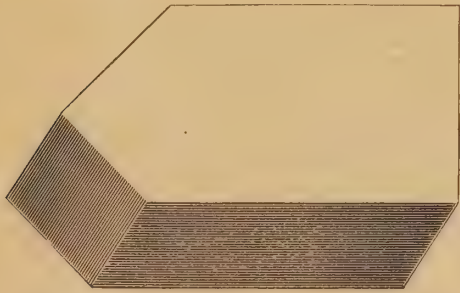
No. 2.



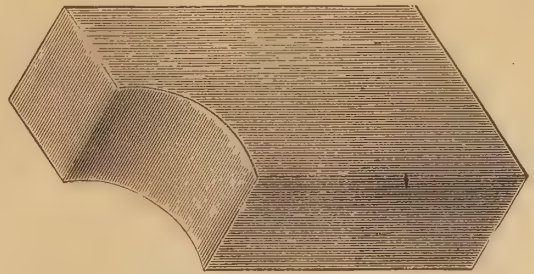
No. 3.

PLATE II.

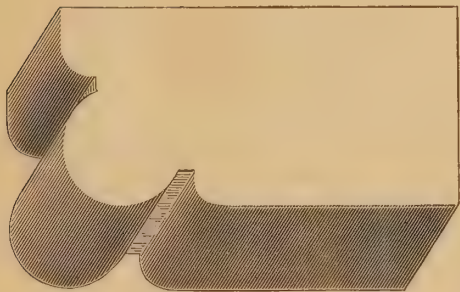
The Designs on this Plate are same size as our Pressed Brick and are made to Bond with them.



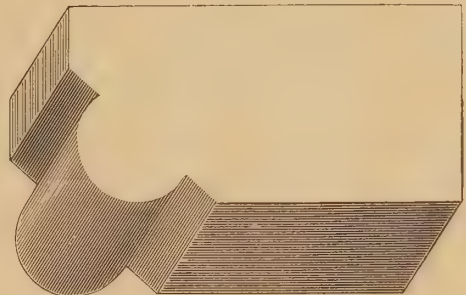
No. 4. Bay Window Brick, angle 45°.



No. 5.



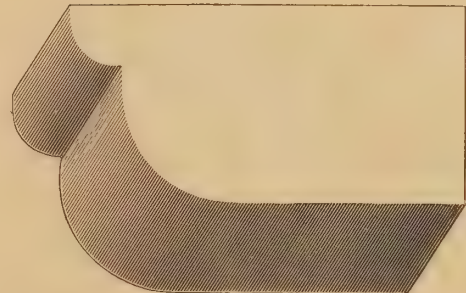
No. 6.—S, Start and Stop.



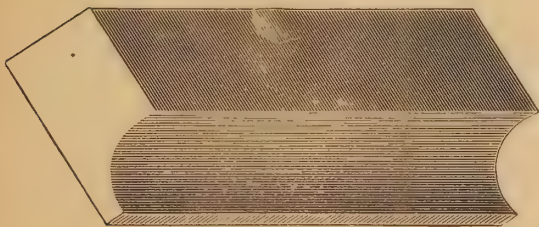
No. 7.—S, Start and Stop.



No. 8.—Nos. 8 and 9 alternate with each other.



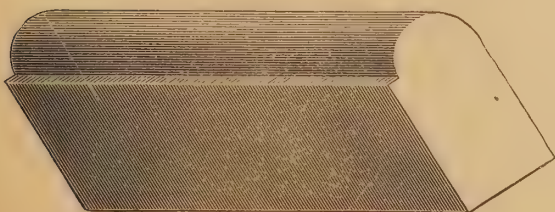
No. 9. Nos. 8 and 9 alternate with each other.



No. 10.—H, Headers; R, Returns.



No. 11.—H, Headers; R, Returns.



No. 12.—H, Headers; R, Returns.

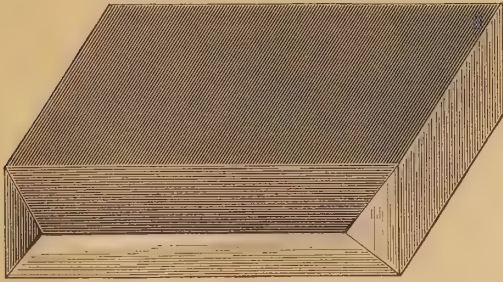


No. 13.

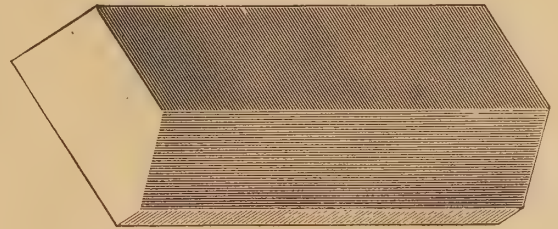
Starts and Stops can be furnished for any of our Jamb Brick at short notice.

PLATE III.

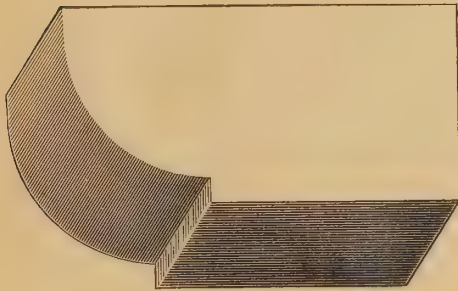
The Designs on this Plate are same size as our Pressed Brick and are made to Bond with them.



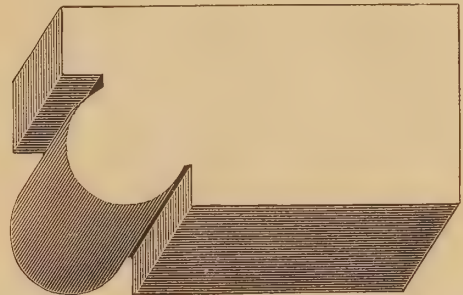
No. 14.



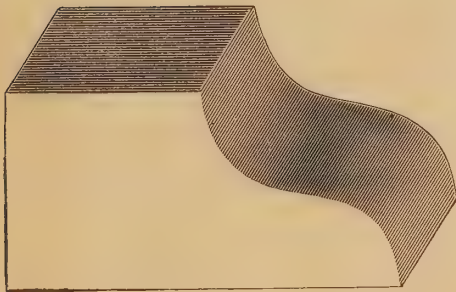
No. 15—H, Headers ; R, Returns.



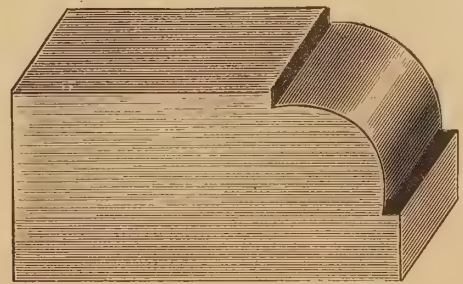
No. 16.



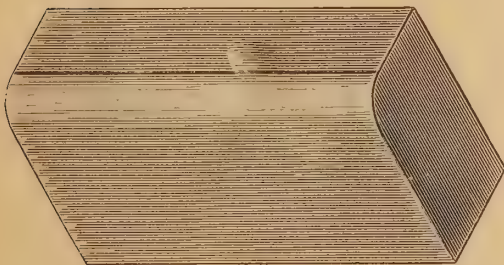
No. 17.



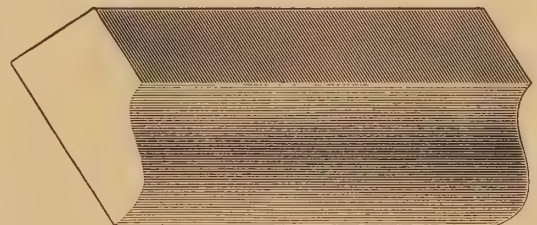
No. 18—R, Returns ; I, Internal Angle.



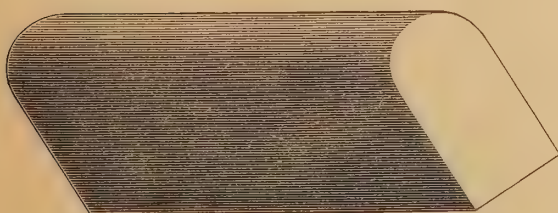
No. 19.



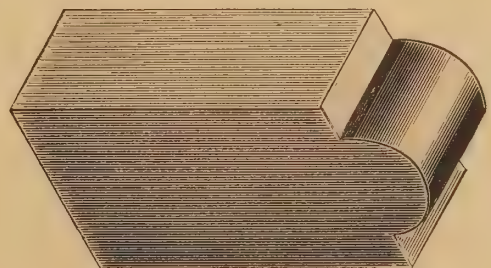
No. 20—H, Headers ; R, Returns.



No. 21—H, Headers ; R, Returns.



No. 22—H, Headers ; R, Returns.

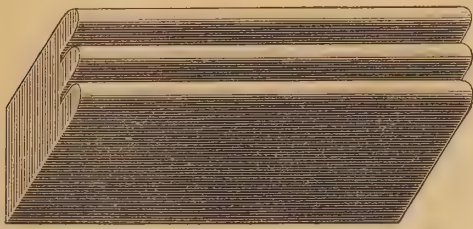


No. 23.

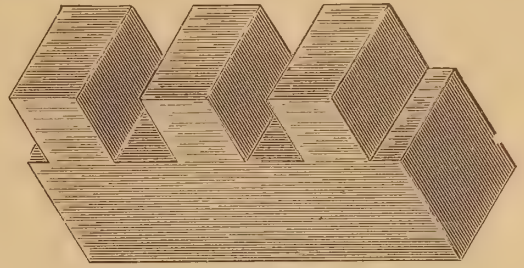
Starts and Stops can be furnished for any of our Jamb Brick at short notice.

PLATE IV.

The Designs on this Plate are same size as our Pressed Brick and are made to Bond with them.



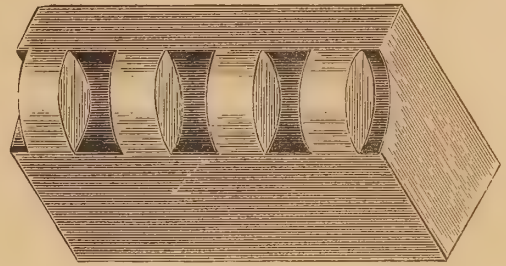
No. 24. 11, Headers; R, Returns.



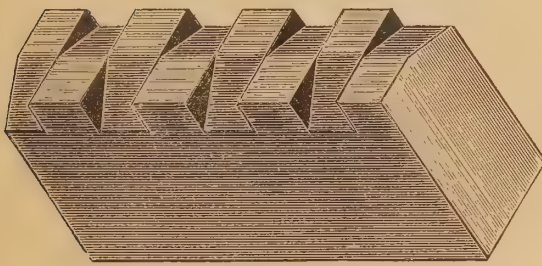
No. 25.



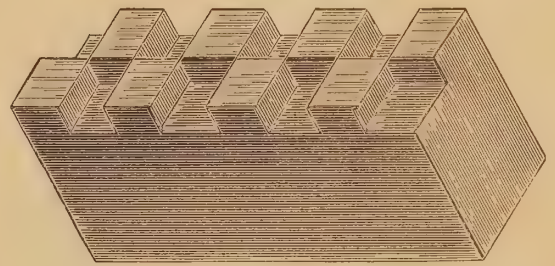
No. 26. Stretchers; R, Returns.



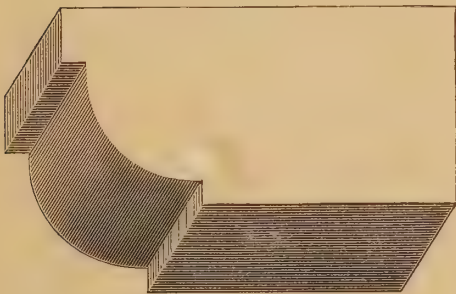
No. 27.



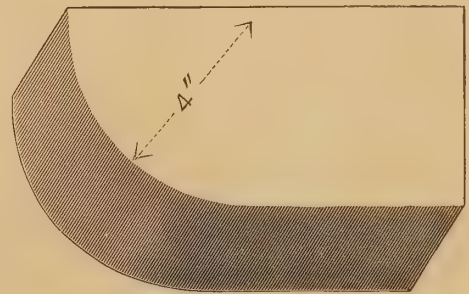
No. 28.



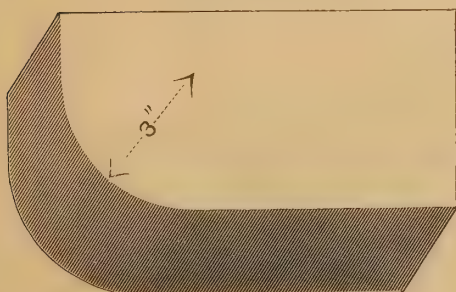
No. 29.



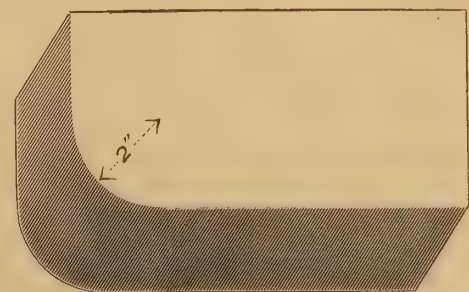
No. 30.—S, Start and Stop.



No. 31.—S, Start and Stop.



No. 32.—S, Start and Stop.

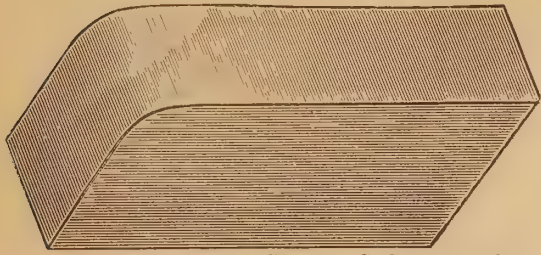


No. 33.—S, Start and Stop.

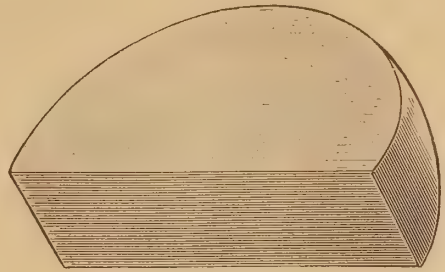
Starts and Stops can be furnished for any of our Jamb Brick at short notice.

PLATE V.

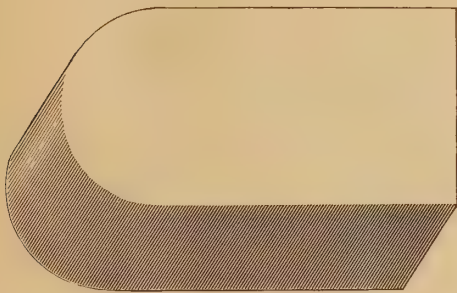
The Designs on this Plate are same size as our Pressed Brick and are made to Bond with them.



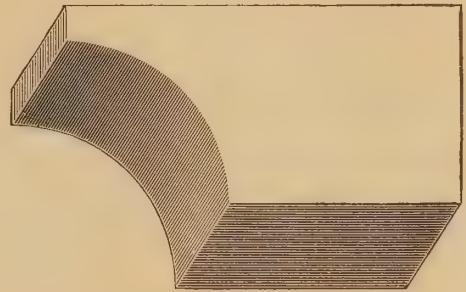
No. 34—1½ inch Round Corner; S, Start and Stop.



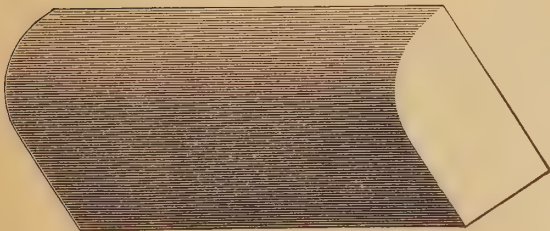
No. 35.



No. 36.



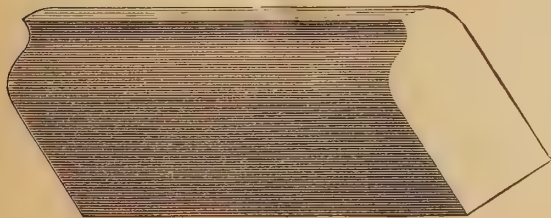
No. 37.



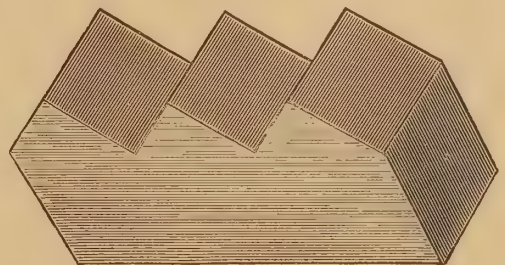
No. 38.—H, Headers; R, Returns.



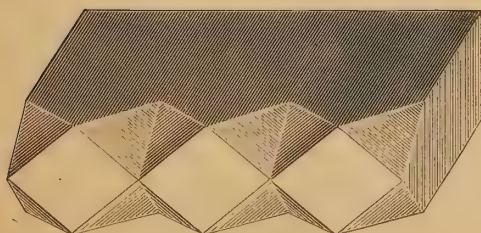
No. 39.—H, Headers; R, Returns.



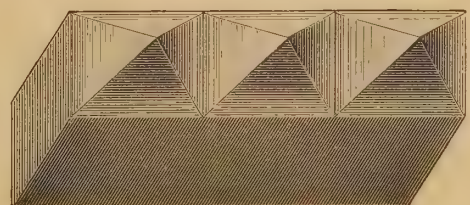
No. 40.



No. 41.



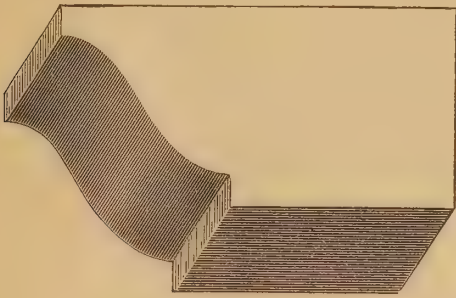
No. 42.



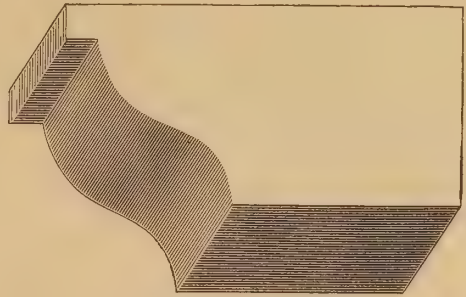
No. 43.

PLATE VI.

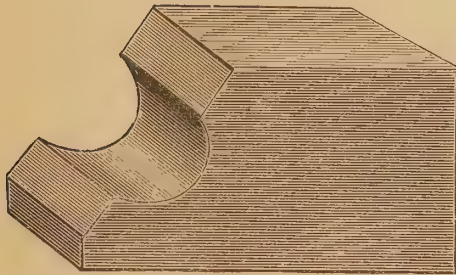
The Designs on this Plate are same size as our Pressed Brick and are made to Bond with them.



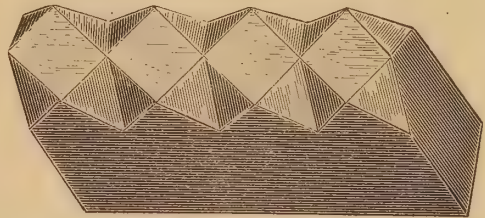
No. 44.



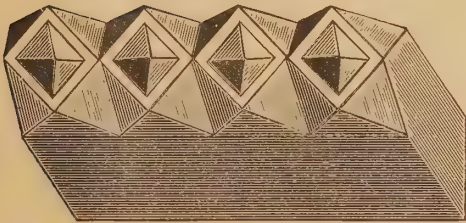
No. 45.



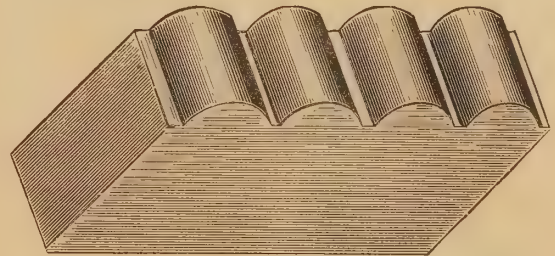
No. 46.



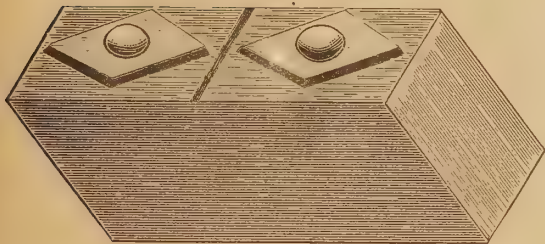
No. 47.



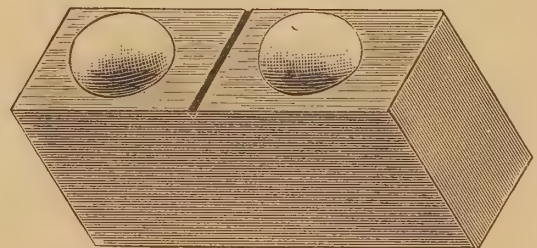
No. 48.



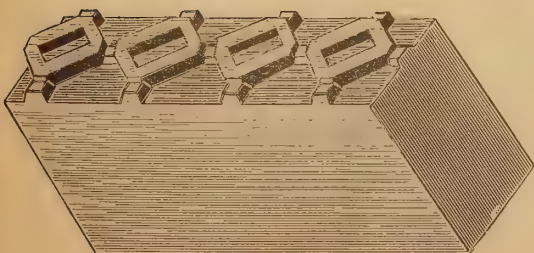
No. 49.



No. 50.



No. 51.



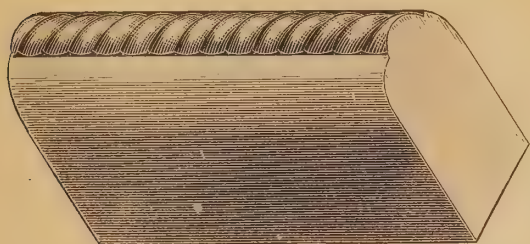
No. 52.



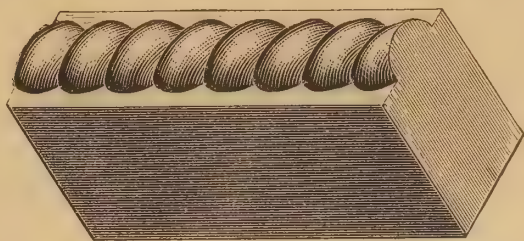
No. 53.

PLATE VII.

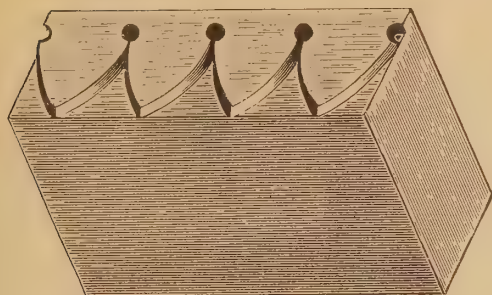
The Designs on this Plate are same size as our Pressed Brick and are made to Bond with them.



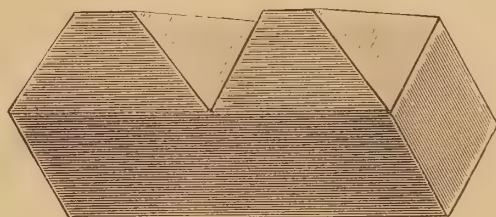
No. 54.



No. 55.



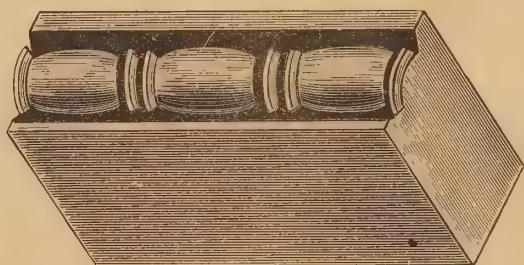
No. 56.



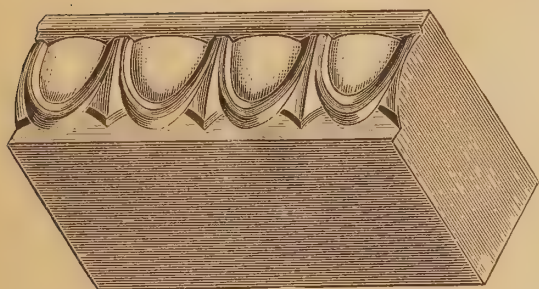
No. 57.



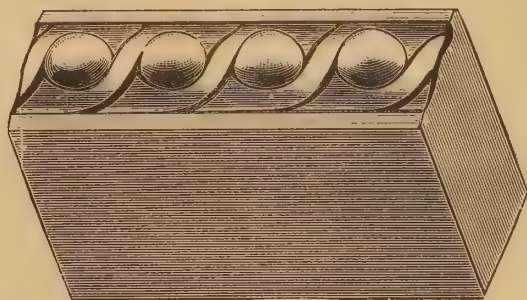
No. 58.



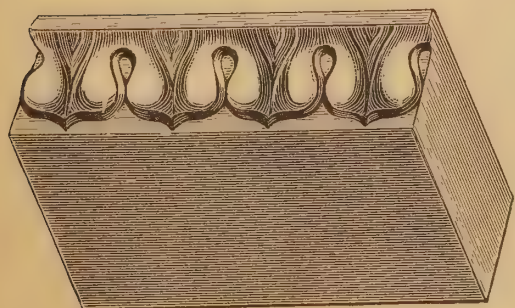
No. 59.



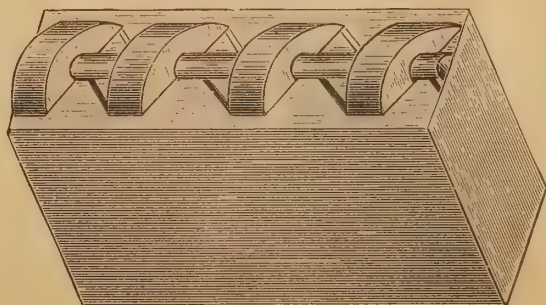
No. 60.



No. 61.



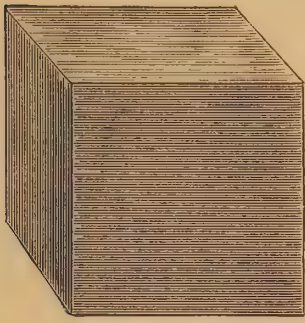
No. 62.



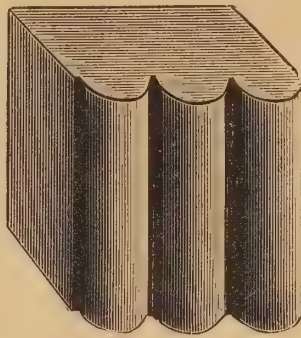
No. 63.

PLATE VIII.

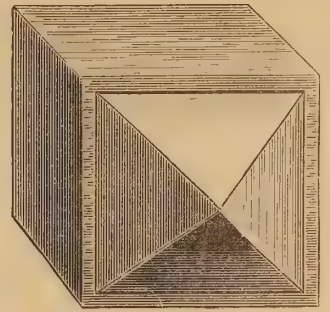
The Designs on this Plate are 5x5 inches, and are equal to two courses of Pressed Brick in height. They can be used as String courses or Diaper Patterns very effectively.



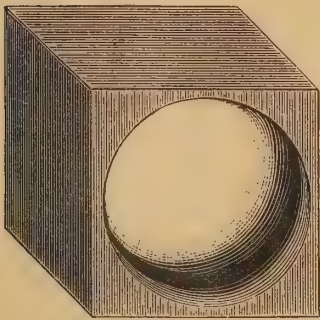
No. 80. —Plain, 5x5.



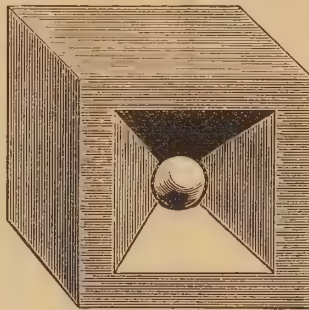
No. 81.



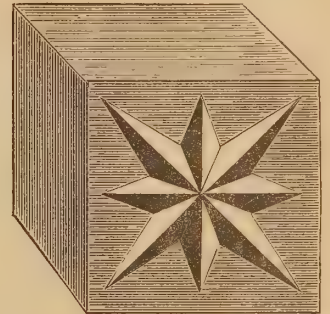
No. 82.



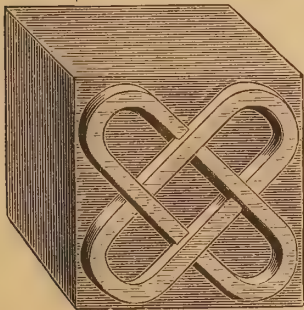
No. 83.



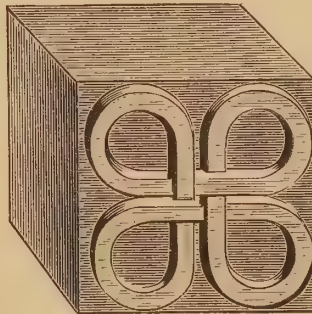
No. 84.



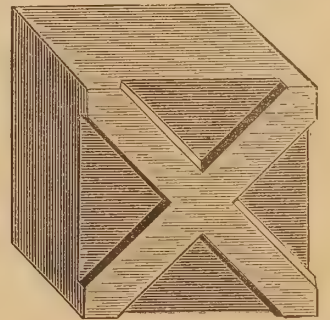
No. 85.—Raised ; No. 86.—Sunk.



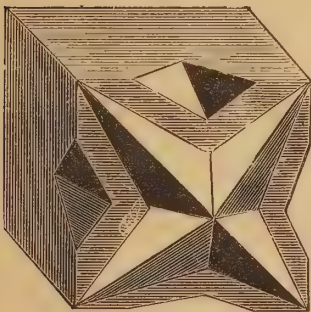
No. 87.



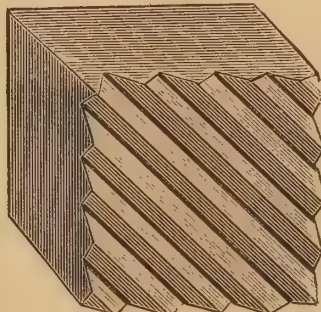
No. 88.



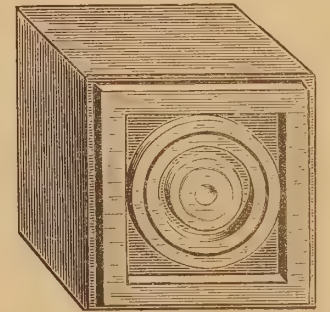
No. 89.



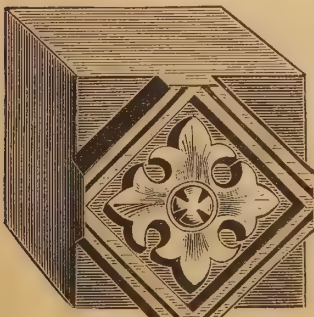
No. 90.



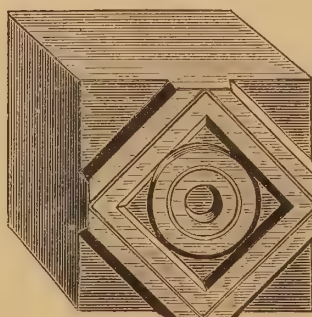
No. 91.



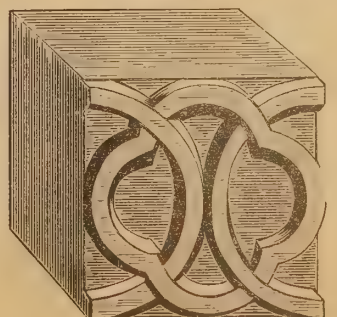
No. 92. 10



No. 93.



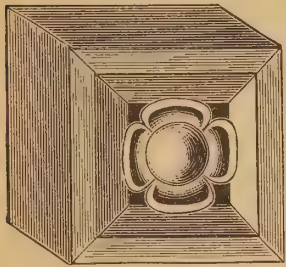
No. 94.



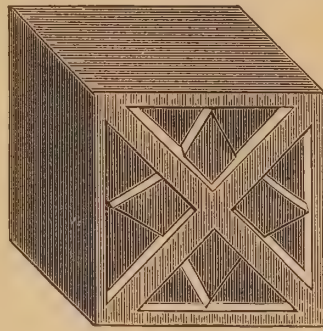
No. 95. 10

PLATE IX.

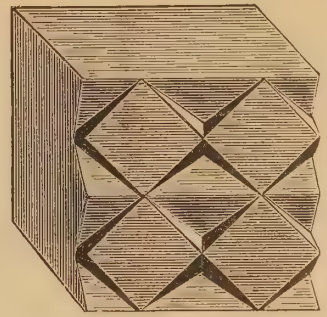
The Designs on this Plate are 5x5 inches and are equal to two courses of Pressed Brick in height. They can be used as string courses and as Diaper Patterns very nicely.



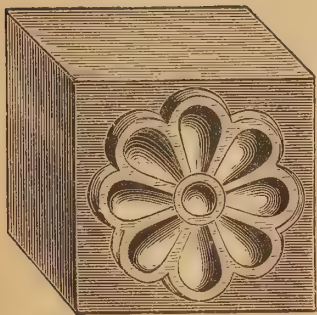
No. 96.



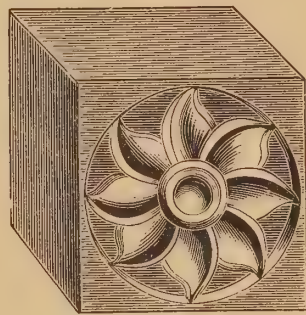
No. 97.



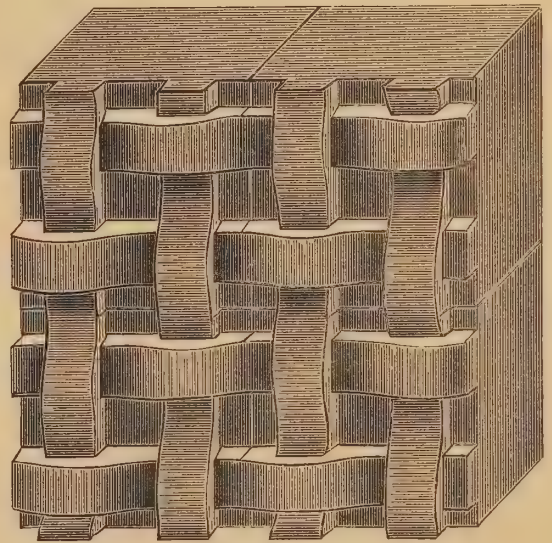
No. 98. 10



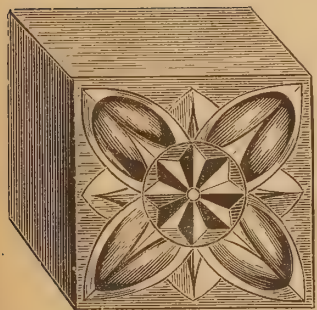
No. 99.



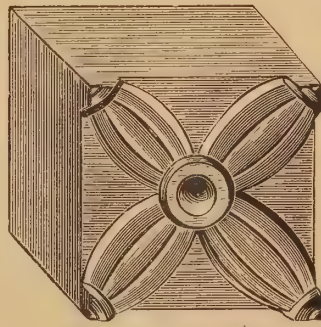
No. 100.



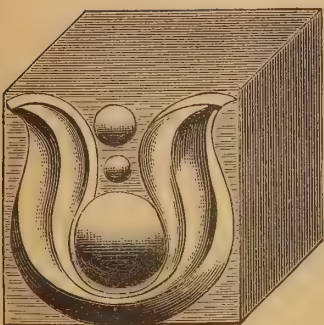
No. 105.



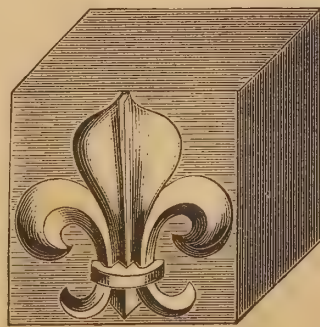
No. 101. 10



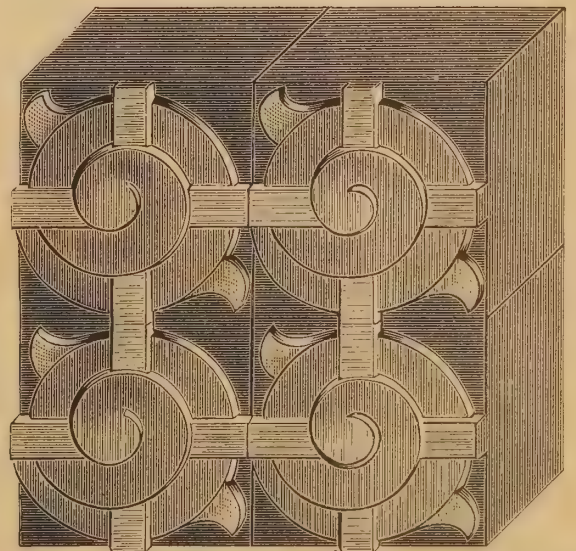
No. 102. 10



No. 102. 1



No. 104. 10



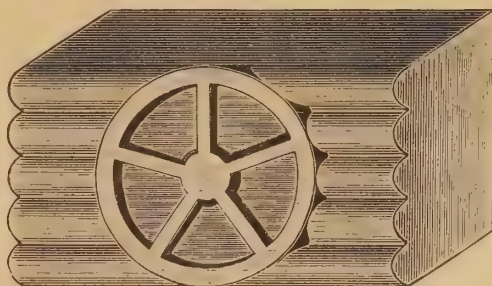
No. 106.--Nos. 105 and 106 show the effect when used as a Diaper Pattern.

PLATE X.

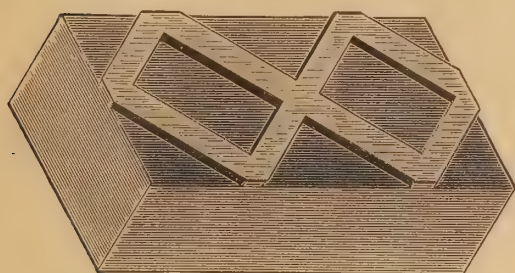
The Designs on this Plate make very effective string courses.



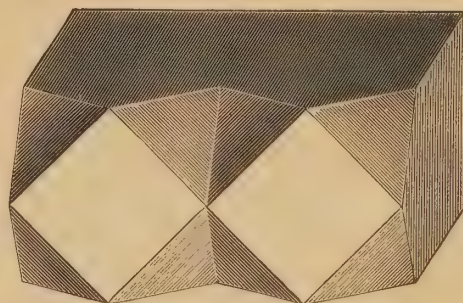
No. 120, 5x10 inches. $12\frac{1}{2}$



No. 121, 5x10 inches.



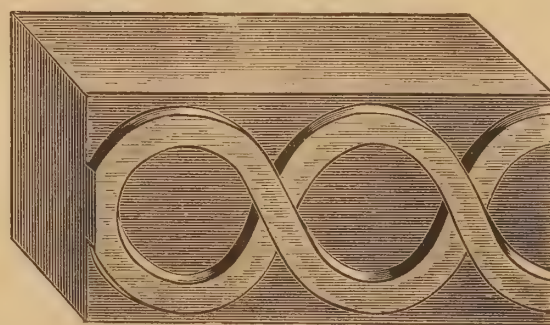
No. 122, 5x8 $\frac{1}{2}$ inches. $7\frac{1}{2}$



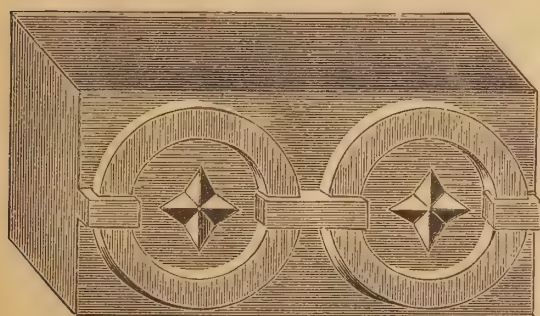
No. 123, 5x10 inches.



No. 124, 5x10 inches. 8



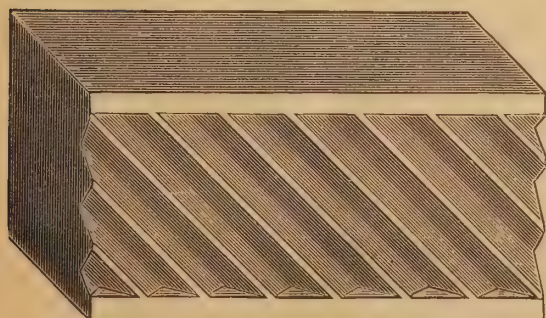
No. 125, 5x10 inches. 12



No. 126, 5x10 inches. $12\frac{1}{2}$



No. 127, 5x10 inches.



No. 128, 5x10 inches. $12\frac{1}{2}$



No. 129, 5x10 inches. $12\frac{1}{2}$

PLATE XI.

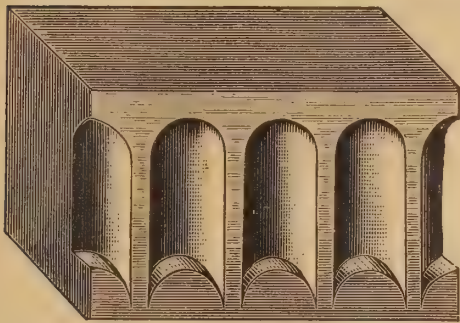
The Designs on this Plate make very effective String Courses.



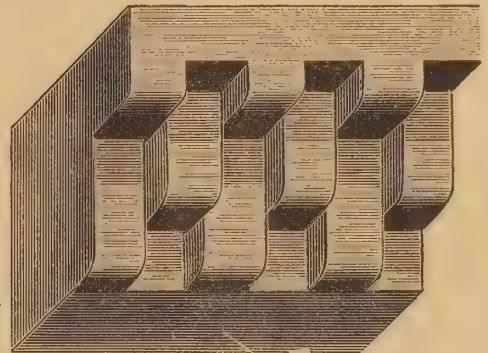
No. 130—5x10 inches. 12



No. 131—5x8½ inches. 2



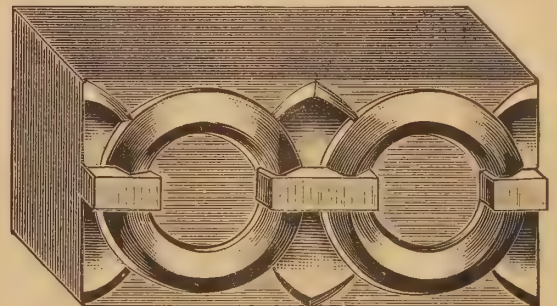
No. 132—5x8½ inches. 11



No. 133—5x8½ inches; 3½ inches deep. 26



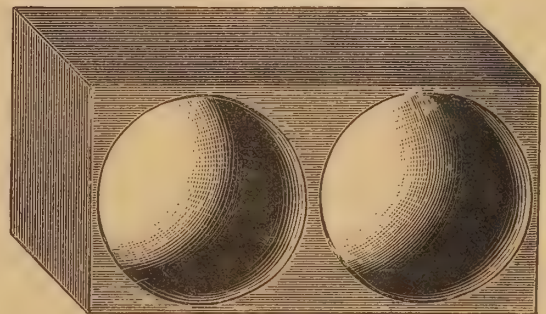
No. 134—5x8½ inches; ¾ inch swell. 11



No. 135—5x8½ inches. 11



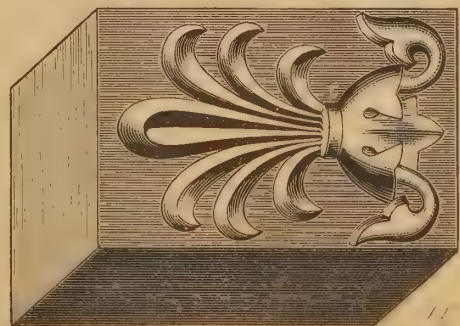
No. 136—5x8½ inches. 2



No. 137—5x10 inches. 1



No. 138—No. 138a same Design on brick, 4¼x8½ inches. 15



No. 139—5x8 inches;
alternates with No. 150. 11

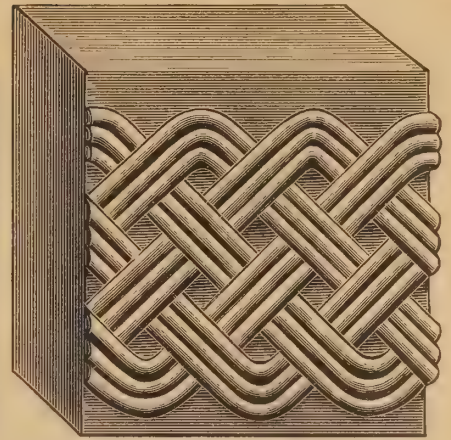
PLATE XII.



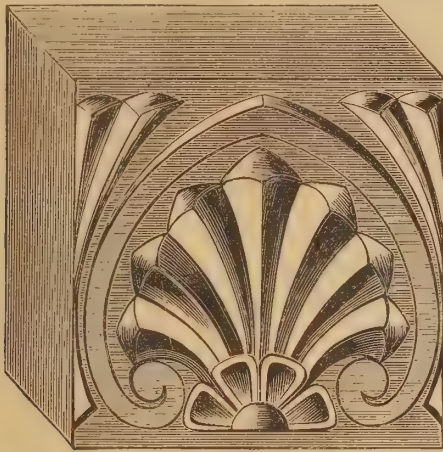
No. 139.—5x8 inches.

No. 150—8x8 inches.

Nos. 139 and 150 alternate, making a beautiful Grecian String Course.

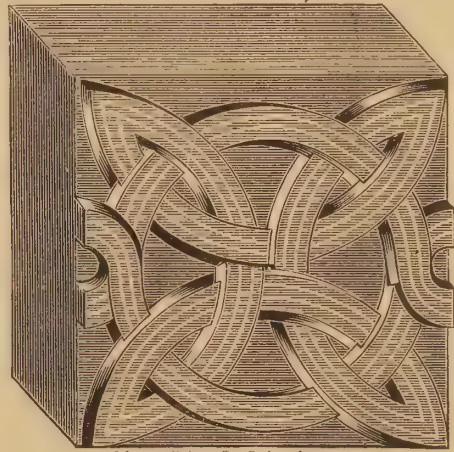


No. 151—8x8 inches; a beautiful String Course.

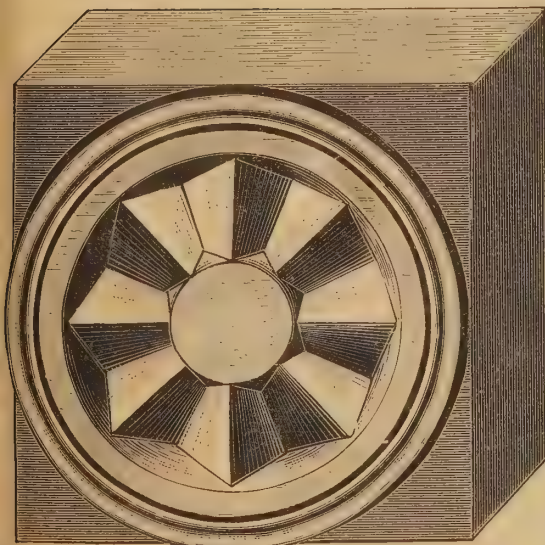


No. 152 -8x8 inches.

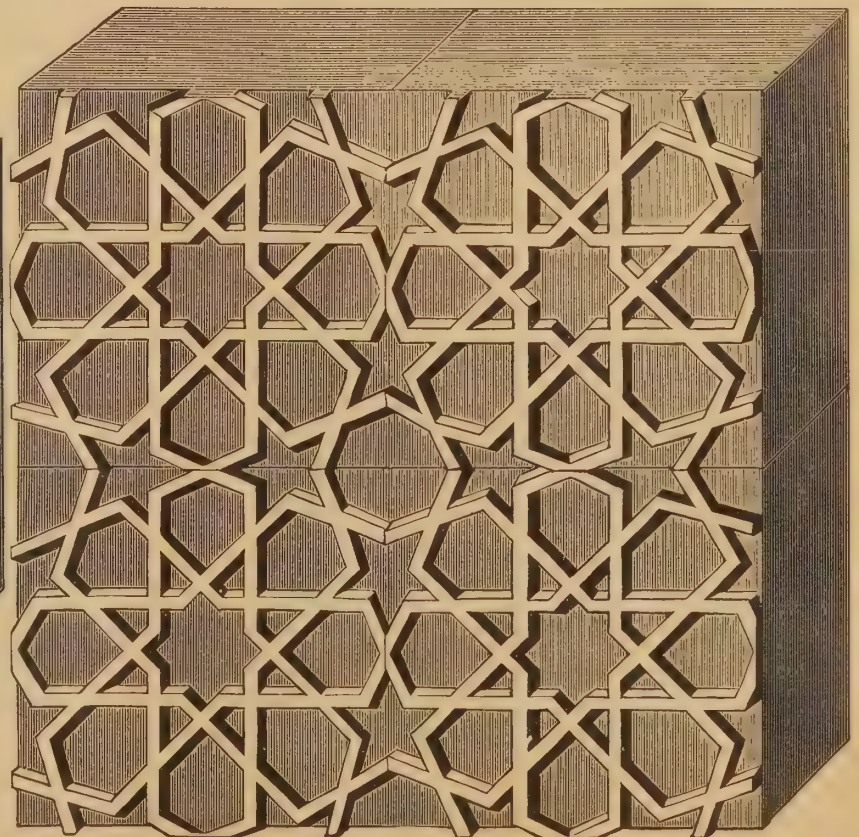
Nos. 152 and 153 make very effective String Courses.



No. 153—8x8 inches.



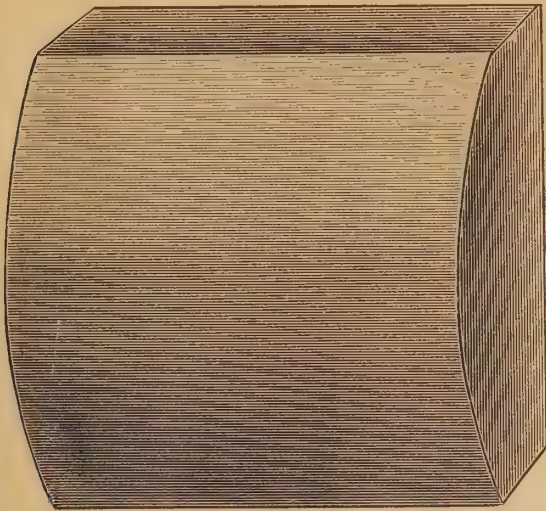
No. 170—10x10 inches.



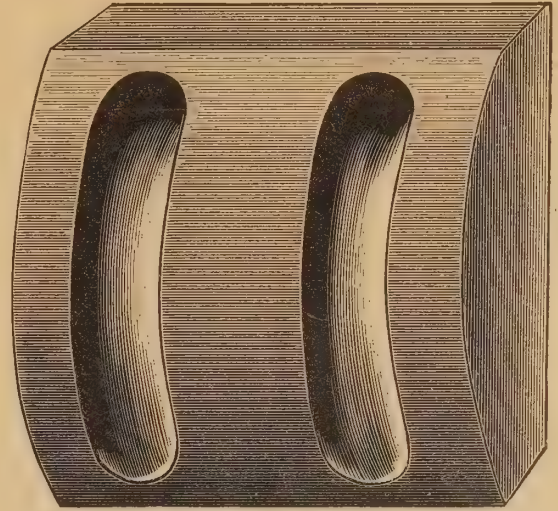
No. 154—8x8 inches. Will work as a String Course or make a beautiful Diaper Pattern, as shown.

PLATE XIII.

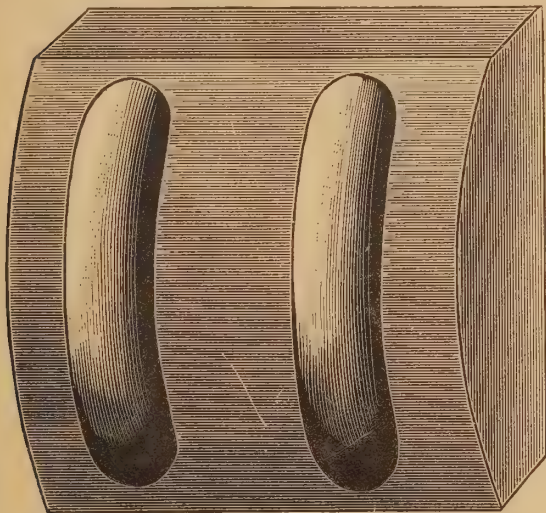
These Swell Brick are something new and are very effective when used in String Courses.



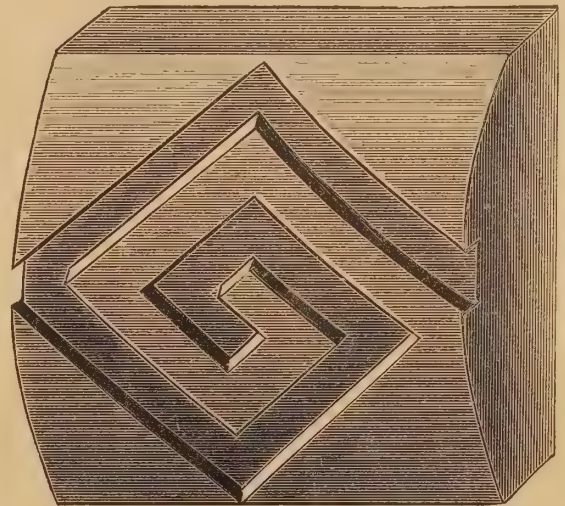
No. 171.—10x10 inches; $1\frac{1}{8}$ inch Swell, very effective.



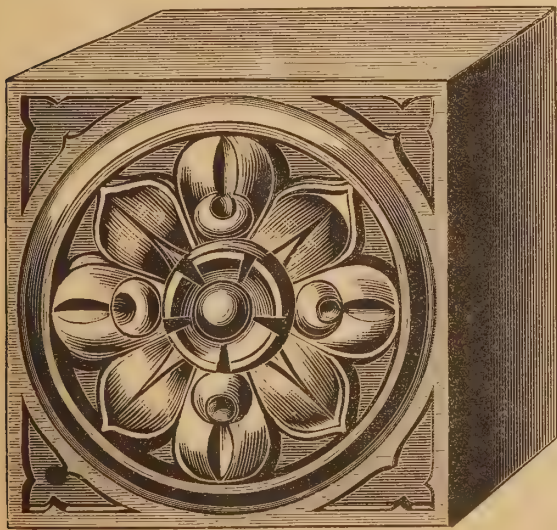
No. 172.—10x10 inches: Swell, with Sunk Flutes.



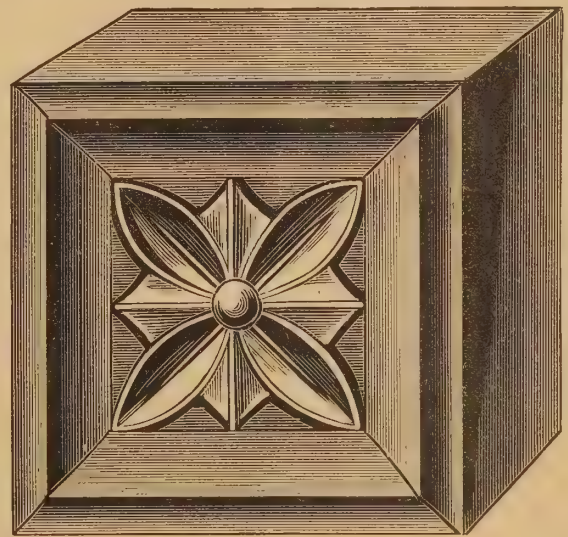
No. 173.—10x10 inches; Swell, with Raised Flutes.



No. 174.—10x10 inches. Swell, with Fret.



No. 175.—10x10 inches.



No. 176.—10x10 inches.

Nos. 175 and 176 were made for the C. H. and P. O. at Ft. Smith, Ark., from Designs furnished us by the Supervising Architect W. D. C., and were originally taken from the catalogue of the Peerless Brick Co., of Philadelphia.



No. 177.

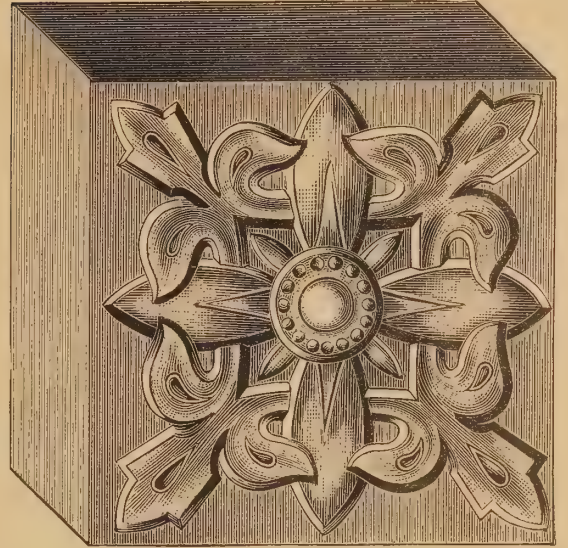
No. 178.

No. 177.

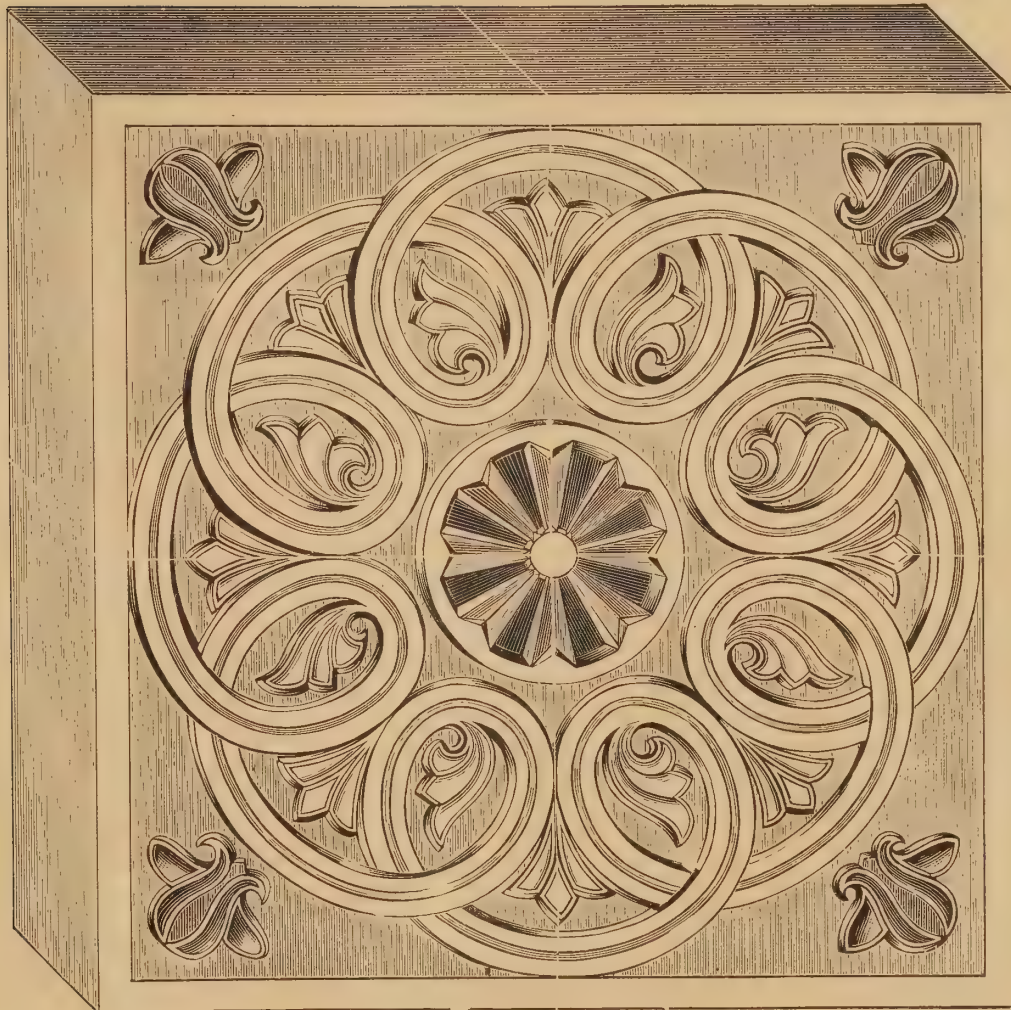
Nos. 177 and 178 alternate making a beautiful String Course. These Brick mark the Height and Perfection to which the Art of Brick Making can be wrought.



No. 179—10x10 inches.



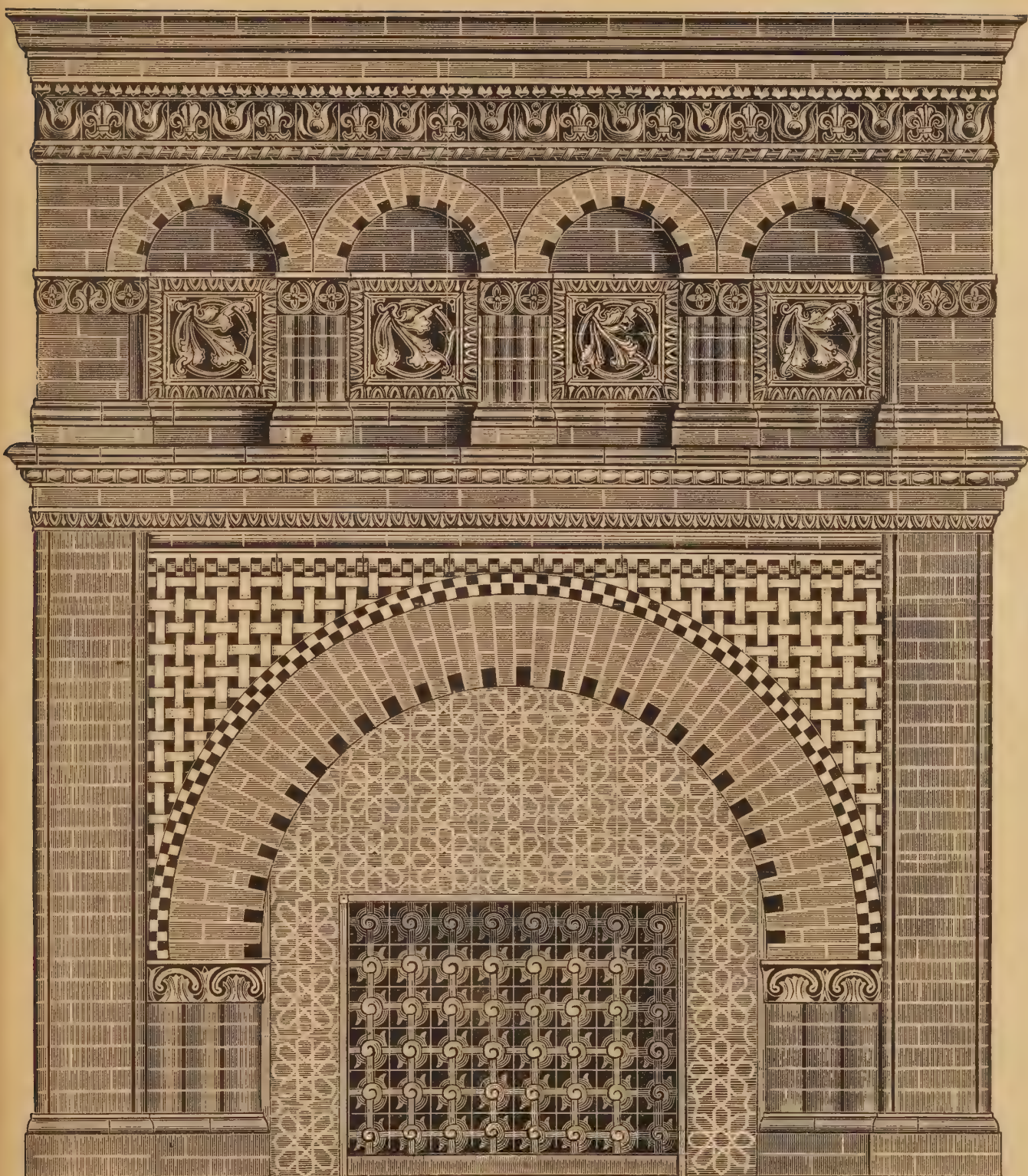
No. 180—10x10 inches.



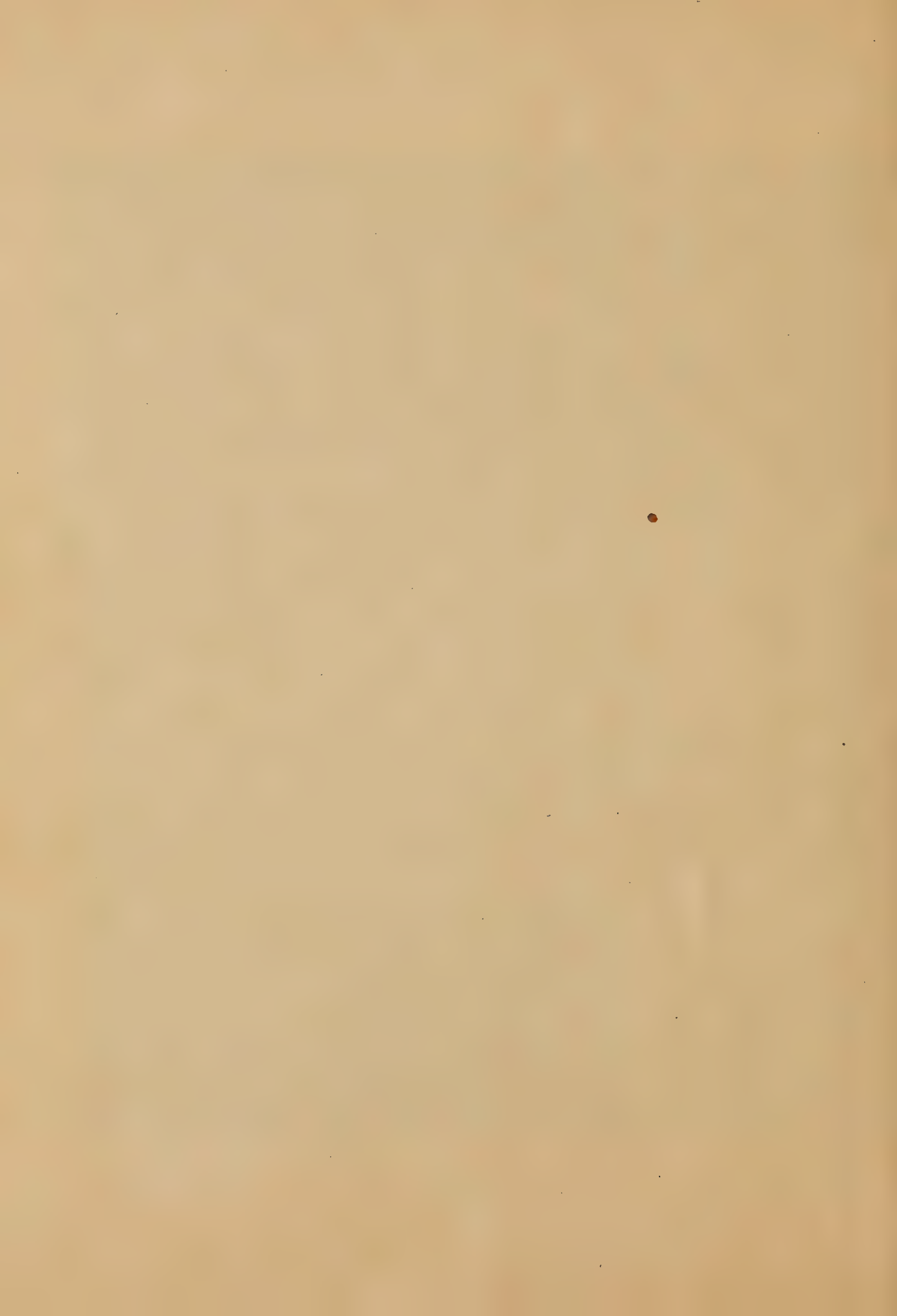
No. 18P, 10x10 inches each.

A Design of four 10x10 inch Bricks, whole Design, 20 inches square.

18 15
51



This Mantel is only one of an endless number of beautiful designs that can be executed from our Moulded and Ornamental Brick.



PRICE LIST

St. Louis Pressed, Moulded and Ornamental Brick.

JANUARY 1st, 1889.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

No. 1.....per 1000, \$40 00	No. 36.....per 1000, \$55 00	No. 103.....per 1000, \$100 00
" 2....." 40 00	" 37....." 55 00	" 104....." 100 00
" 3....." 65 00	" 38....." 60 00	" 105....." 100 00
" 4....." 40 00	" 38 H....." 50 00	" 106....." 100 00
" 5....." 45 00	" 38 R.....each, 10	" 120....." 125 00
" 6....." 50 00	" 39.....per 1000, 60 00	" 121....." 150 00
" 6S.....each, 10	" 39 H....." 50 00	" 122....." 75 00
" 7.....per 1000, 50 00	" 39 R.....each, 10	" 123....." 80 00
" 7S.....each, 10	" 40.....per 1000, 70 00	" 124....." 80 00
" 8.....per 1000, 50 00	" 40 H....." 60 00	" 125....." 100 00
" 9....." 50 00	" 40 R.....each, 10	" 126....." 120 00
" 10....." 60 00	" 41.....per 1000, 60 00	" 127....." 125 00
" 10 H....." 50 00	" 42....." 70 00	" 128....." 125 00
" 10 R.....each, 10	" 43....." 75 00	" 129....." 125 00
" 11.....per 1000, 60 00	" 44....." 50 00	" 130....." 120 00
" 11 H....." 50 00	" 45....." 50 00	" 131....." 200 00
" 11 R.....each, 10	" 46....." 50 00	" 132....." 175 00
" 12.....per 1000, 60 00	" 47....." 75 00	" 133....." 200 00
" 12 H....." 50 00	" 48....." 80 00	" 134....." 110 00
" 12 R.....each, 10	" 49....." 60 00	" 135....." 130 00
" 13.....per 1000, 50 00	" 50....." 85 00	" 136....." 200 00
" 14....." 60 00	" 51....." 80 00	" 137....." 125 00
" 15....." 60 00	" 52....." 85 00	" 138....." 150 00
" 15 H....." 50 00	" 53....." 80 00	" 138 A....." 100 00
" 15 R.....each, 10	" 54....." 80 00	" 139....." 150 00
" 16.....per 1000, 60 00	" 55....." 85 00	" 150.....each, 60
" 17....." 50 00	" 56....." 80 00	" 151....." 70
" 18....." 55 00	" 57....." 65 00	" 152....." 70
" 18 R and 18 I.....each, 30	" 58....." 80 00	" 153....." 70
" 19.....per 1000, 50 00	" 59....." 85 00	" 154....." 70
" 20....." 50 00	" 60....." 85 00	" 170....." 75
" 20 H....." 40 00	" 61....." 85 00	" 171....." 65
" 20 R.....each, 8	" 62....." 85 00	" 172....." 70
" 21.....per 1000, 65 00	" 63....." 85 00	" 173....." 75
" 21 H....." 55 00	" 80....." 25 00	" 174....." 75
" 21 R.....each, 11	" 81....." 100 00	" 175....." 80
" 22.....per 1000, 60 00	" 82....." 70 00	" 176....." 80
" 22 H....." 50 00	" 83....." 70 00	" 177....." 1 25
" 22 R.....each, 10	" 84....." 70 00	" 178....." 1 25
" 23.....per 1000, 50 00	" 85....." 100 00	" 179....." 1 25
" 24....." 60 00	" 86....." 85 00	" 180....." 80
" 24 H....." 55 00	" 87....." 100 00	" 181.....whole figure, 4 00
" 24 R.....each, 11	" 88....." 100 00	
" 25.....per 1000, 85 00	" 89....." 60 00	
" 26....." 60 00	" 90....." 100 00	
" 26 H....." 50 00	" 91....." 100 00	
" 26 R.....each, 10	" 92....." 100 00	
" 27.....per 1000, 85 00	" 93....." 100 00	
" 28....." 85 00	" 94....." 100 00	
" 29....." 85 00	" 95....." 100 00	
" 30....." 50 00	" 96....." 100 00	
" 30 S.....each, 10	" 97....." 100 00	
" 31.....per 1000, 45 00	" 98....." 100 00	
" 32....." 45 00	" 99....." 100 00	
" 33....." 45 00	" 100....." 100 00	
" 34....." 45 00	" 101....." 100 00	
" 35....." 55 00	" 102....." 100 00	

ARCH BRICK.

Flat Arches, any span and height,
per hundred.....\$10 00
Plain Round Arches, per hundred.. 7 00
Round Moulded Arches, add \$5.00
per hundred to list price.

RADIUS BRICK.

Any radius, per hundred.....\$45 00

VER
1885

Denning 107.14.03 / VEC



CATALOGUE OF

St. Louis

Pressed, Moulded and Ornamental

⇒ **BRICK** ⇐

MANUFACTURED BY

ANTHONY ITTNER,

Successor to ITTNER BROS.

ST. LOUIS, MO.

